



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**CONLOC SK 711**

Revision date: 03.05.2023

Product code: 750711030

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H319	Causes serious eye irritation.
H315	Causes skin irritation.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P243	Take action to prevent static discharges.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local regulation.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Polydimethylsiloxane + curing agents + fillers + auxiliary agents

**Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
108-88-3	toluene			< 20 %
	203-625-9	601-021-00-3		
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1; H225 H361d H315 H336 H373 H304			
4253-34-3	Methyltriacetoxysilan			< 10 %
	224-221-9		01-2119962266-32	
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1; H302 H314 H318 EUH014			
1067-33-0	Dibutylzinndiacetat			< 0,1 %
	213-928-8		01-2119634587-29	
	Muta. 2, Repr. 1B, Skin Corr. 1B, Skin Sens. 1B, STOT SE 1, STOT RE 1, Aquatic Chronic 1; H341 H360 H314 H317 H370 H372 H410			

Full text of H and EUH statements: see section 16.

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**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
108-88-3	203-625-9	toluene	< 20 %
		inhalation: LC50 = 49 mg/l (vapours); dermal: LD50 = 12200 mg/kg	
4253-34-3	224-221-9	Methyltriacetoxysilan	< 10 %
		oral: ATE = 500 mg/kg	
1067-33-0	213-928-8	Dibutylzinndiacetat	< 0,1 %
		Aquatic Chronic 1; H410: M=10	

**Further Information**

This product does not contain any reportable Eu-listed Substances of Very High Concern (SVHC) in a concentration of  $\geq 0,1\%$  (Regulation (EC) No 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

During polymerization the product releases small quantities of acetic acid.

In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible). Vapours may cause drowsiness and dizziness. Do not leave the injured person unattended.

Avoid exposure to women during early pregnancy.

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. If skin irritation persists, call a physician.

**After contact with eyes**

Immediately flush eye(s) with plenty of water. In case of durable symptoms, consult an ophthalmologist.

**After ingestion**

Let water be swallowed in little sips (dilution effect). Do not induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed**

Relevant information can be found in other parts of this section.

**4.3. Indication of any immediate medical attention and special treatment needed**

Avoid exposure to women during early pregnancy.

Hazard identification: toxic effects for reproduction

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water fog. alcohol resistant foam. Carbon dioxide. Extinguishing powder. Sand.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

En cas d'incendie, possibilité de gaz ou de vapeurs de combustion dangereux. L'exposition aux produits de combustion peut être dangereuse pour la santé! Produits d'incendie dangereux: Oxydes de carbone, oxydes de silicium, hydrocarbures incomplètement brûlés, vapeurs toxiques et très toxiques. En brûlant le développement de suie forte.

**5.3. Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus. Use a tight-fitting chemical protective suit.

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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear personal protection equipment. Avoid contact with skin and eyes. Do not breathe gas/vapour. Special skid risk by leaking/spilling product. Keep unprotected people away. Provide adequate ventilation.

**For non-emergency personnel**

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

**For emergency responders**

Wear personal protection equipment.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

Retain and dispose of contaminated wash water.

**6.3. Methods and material for containment and cleaning up****For containment**

Cover the sewers.

**For cleaning up**

Pick up mechanically and dispose of properly. Do not rinse with water. For small quantities: Take up with liquid-binding preferably acid-binding material and dispose of properly. For large quantities: Liquids can be taken up with suction devices or pumps. If flammable, use only air-powered or properly-regulated electrical appliances. Remove any remaining slippery surface with detergent / soap solution or other biodegradable cleaner. Silicone oils are slippery, spilled substance is therefore a safety hazard. To improve the grip, apply sand or other inert, granular material.

**Other information**

Provide adequate ventilation.

**6.4. Reference to other sections**

See also section 8,13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide sufficient air exchange and/or exhaust in work rooms. Vapors / aerosols must be cleaned by suction at the place of origin. Contaminated surfaces will be extremely slippery.

**Advice on protection against fire and explosion**

Fumes may form explosive mixtures with air. Keep product and empty container away from heat and sources of ignition. Take precautionary measures against static discharges.

Cool closed containers exposed to fire with water spray.

**Advice on general occupational hygiene**

Avoid contact with the skin and the eyes. Do not breathe gas/fumes/vapour/spray. When using, do not eat, drink or smoke. Keep working clothes separately.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

This information is not available.

**Hints on joint storage**

This information is not available.

**Further information on storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Protect from moisture.

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Minimum storage temperature: 0 °C

**7.3. Specific end use(s)**

Silicone Sealant/adhesive

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	
108-88-3	Toluene	50	192		TWA (8 h)	
		100	384		STEL (15 min)	

**8.2. Exposure controls****Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Protective gloves Fluorinated rubber.

Duration of use approx. 480 minutes. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

**Skin protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Protective suit

**Respiratory protection**

If inhalation exposure above the workplace exposure limit can not be excluded, appropriate respiratory protective equipment should be used. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: ABEK gas filter (certain inorganic, organic and acid gases and vapors, ammonia / amines), in accordance with recognized standards such as EN 14387 Wear appropriate respiratory protective equipment and protective clothing when exposed to spray or aerosol. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: Combination filter ABEK-P2 (certain inorganic, organic and acid gases and vapors, ammonia / amines, particles), according to recognized standards such as EN 14387 In case of long or strong exposure, use breathing apparatus. Suitable respiratory protection: Self-contained breathing apparatus, according to recognized standards such as EN 137. The wearing time limit for respiratory protection as well as instructions of the device manufacturer are to be observed.

**Thermal hazards**

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

**Environmental exposure controls**

Do not empty into drains or the aquatic environment.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	transparent
Odour:	strong
Odour threshold:	not determined

		Test method
Melting point/freezing point:		Exempt
Boiling point or initial boiling point and boiling range:	111 (1013 hPa) °C	
Lower explosion limits:	1,2 vol. %	
Upper explosion limits:	7 vol. %	
Flash point:	6 °C	DIN 53213
Auto-ignition temperature:	approx. 540 °C	DIN 51794
pH-Value:	not applicable	Mixture not soluble in water
Water solubility:	virtually insoluble	
Vapour pressure: (at 20 °C)	29 hPa	
Vapour pressure: (at 50 °C)	123 hPa	
Density (at 23 °C):	1,08 g/cm <sup>3</sup>	DIN 53217
Particle characteristics:	not applicable	

**9.2. Other information****Other safety characteristics**

Viscosity / dynamic: (at 23 °C)	approx. 65000 mPa·s	Brookfield
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**Further Information**

Possible decomposition products in case of hydrolysis are:  
acetic acid: explosion limits 4 -17 Vol-%

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2. Chemical stability**

Stable at normal ambient temperature and pressure.

**10.3. Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid**

moisture. Heat, flames and sparks.

**10.5. Incompatible materials**

Reacts with water, Bases, alcohols. Formation of: Acetic acid.

**10.6. Hazardous decomposition products**

Possible decomposition products in case of hydrolysis are: Acetic acid.

**Further information**

No decomposition if stored and applied as directed.

**SECTION 11: Toxicological information**

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**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

No toxicology information is available.

Acute toxicity estimate (Oral) &gt;5000 mg/kg

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
108-88-3	toluene				
	dermal	LD50 mg/kg	12200	Rabbit	GESTIS
	inhalation (4 h) vapour	LC50	49 mg/l	Rat	GESTIS
4253-34-3	Methyltriacetoxysilan				
	oral	ATE mg/kg	500		

**Irritation and corrosivity**

Irritating to eyes and skin.

(Result, Methods of detection and analysis rabbit)

**Sensitising effects**

Toxicological data are not available.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No data is available on the product itself.

toluene: Possible risk of harm to the unborn child.

**STOT-single exposure**

No data is available on the product itself.

toluene (inhalation):

Target Organs: Central nervous system; Product has narcotic effect.

**STOT-repeated exposure**

No data is available on the product itself.

toluene (inhalation):

Target Organs: Central nervous system; Product has narcotic effect.

**Aspiration hazard**

Due to the viscosity, this product does not present an aspiration hazard.

Component toluene: Aspiration hazard

**Information on likely routes of exposure**

Skin contact, Inhalation

**11.2. Information on other hazards****Further information**

During polymerization the product releases small quantities of acetic acid. Do not inhale highly-concentrated release products for a longer period of time during polymerization, danger of irritation. toluene Slightly irritating to skin and muuous membranes, degreasing skin, narcotic.

**SECTION 12: Ecological information****12.1. Toxicity**

There are no test data for the complete mixture.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
108-88-3	toluene					
	Acute fish toxicity	LC50	13 mg/l	96 h	Carassius auratus	IUCLID
	Acute algae toxicity	ErC50	12,5 mg/l	72 h		GESTIS

**12.2. Persistence and degradability**

silicone bio-degradable. The solvent is biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulation is unlikely.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
108-88-3	toluene	2,73

**12.4. Mobility in soil**

No data is available on the product itself.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

None known.

**Further information**

Cured product is insoluble in water

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Recommendation: Material that can not be recycled, reprocessed or recycled should be disposed of in an approved facility in accordance with national, state and local regulations. Depending on the regulations, waste treatment methods may include, for example, disposal in a landfill or incineration.

For this product, no waste code number according to the European Waste Catalog (AVV) can be specified, since only the intended use by the consumer allows an allocation. The waste code number must be determined within the EU in consultation with the disposal company.

**Contaminated packaging**

Packaging must be completely emptied (drip-free, free from trickle, spatula-clean). Packaging must preferably be reused or recycled in compliance with the applicable local / national regulations.

Non-cleanable packaging must be disposed of in the same way as the substance. Non-contaminated packagings can be reused.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 1993
<b>14.2. UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (toluene, n-propanol)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3



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Classification code: F1  
Special Provisions: 274 601  
Limited quantity: 1 L  
Excepted quantity: E2  
Transport category: 2  
Hazard No: 33  
Tunnel restriction code: D/E

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (toluene, n-propanol)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Marine pollutant: no  
Special Provisions: 274  
Limited quantity: 1 L  
Excepted quantity: E2  
EmS: F-E, S-E

**Other applicable information (marine transport)**

Special provisions: 274, 330, 944

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (toluene, n-propanol)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Special Provisions: A3  
Limited quantity Passenger: 1 L  
Passenger LQ: Y341  
Excepted quantity: E2  
IATA-packing instructions - Passenger: 353  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 364  
IATA-max. quantity - Cargo: 60 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

road transport: Dangerous goods - exemption of limited quantities (3.4 ADR / RID)!  
rail transport: Dangerous goods - exemption of limited quantities (3.4 ADR / RID)!  
Sea Freight: LIMITED QUANTITY according to 3.4 IMDG code possible up to 30 kg gross per package (composite packaging).

**14.7. Maritime transport in bulk according to IMO instruments**

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There is no intended bulk transport in tankers.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 48

2004/42/EC (VOC): VOC = 15,761%

**Additional information**

Moreover, national legislation has to be obeyed!

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

**Additional information**

Chemicals Prohibition Ordinance (ChemVerbotsV): This product is not subject to the Chemicals Prohibition Ordinance when placed on the market in Germany.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 6,7,8,9,11,12,16.

**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

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IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern

**Relevant H and EUH statements (number and full text)**

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH014	Reacts violently with water.

**Further Information**

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*